

INTERNATIONAL SEARCH REPORT

International Application No

CA2004/000946

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C02F1/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C02F A61L A23L A23C A46B A61B A61C A01K B08B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 2002/185423 A1 (LUETTGEN HAROLD A ET AL) 12 December 2002 (2002-12-12) page 3, paragraph 55 - paragraph 59; figures 1,3 page 8, paragraph 104 page 13, paragraph 142 page 15, paragraph 159	1-6,8,9, 11-13
Y	CA 2 296 129 A (FANTOM TECHNOLOGIES INC) 5 April 2001 (2001-04-05) page 2, line 1 - line 16; figure 3 page 5, line 18 - line 25	1-5,7-9
Y	US 5 643 444 A (GARRIGUES PATRICK ET AL) 1 July 1997 (1997-07-01) column 3, line 10 - column 4, line 24; figure 2	1-3,8,9
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- "&" document member of the same patent family

Date of the actual completion of the international search

27 January 2005

Date of mailing of the international search report

11 4. 02 05

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Beckmann, O

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DE 199 48 923 A (ZELMER RZESZOW FA) 24 August 2000 (2000-08-24)	14-16
Y	column 5, line 45 - line 67; figure 1	1-9, 11-13
A	----- US 5 744 030 A (STOCKTON WARREN D ET AL) 28 April 1998 (1998-04-28) column 2, line 56 - column 3, line 15; figure 2	10
X	----- US 5 520 893 A (KASTING, JR. ET AL) 28 May 1996 (1996-05-28) column 3, line 26 - line 32; figures 3,4 column 5, line 11 - line 19	17-19
X	----- DE 30 00 828 A1 (AQUANORT INGENIEUR SKIRDE+CO) 16 July 1981 (1981-07-16) page 12, last paragraph - page 13, paragraph 2; figure 1	17-19
X	----- US 5 882 613 A (GIPSON, II ET AL) 16 March 1999 (1999-03-16) column 3, line 23 - line 53; figure 1A	20
X	----- WO 03/032773 A1 (CURCIJA, MICHAEL, RADOMIR; BUKILIC, ALEKSANDAR,) 24 April 2003 (2003-04-24) page 5, line 28 - line 33; figure 7	20
X	----- DE 100 61 927 A1 (BRAUN GMBH) 27 June 2002 (2002-06-27)	21,22
Y	column 5, paragraph 32 - column 6, paragraph 39; figure 2	23
X	----- US 3 024 138 A (SCHLOTT HEINZ H) 6 March 1962 (1962-03-06)	21,22
Y	column 2, line 46 - column 3, line 18; figure 1	23
Y	----- GB 2 206 292 A (* BRIAN FERRIER PUMP SUPPLIES) 5 January 1989 (1989-01-05) page 3, line 14 - page 4, line 13	23

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Information on patent family members

International Application No

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2002185423 A1	12-12-2002	AU 2907902 A AU 3084602 A EP 1351893 A1 EP 1343923 A2 JP 2004525748 T JP 2004525255 T WO 0248431 A2 WO 0248054 A1 US 2002134674 A1	24-06-2002 24-06-2002 15-10-2003 17-09-2003 26-08-2004 19-08-2004 20-06-2002 20-06-2002 26-09-2002
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US 5520893 A	28-05-1996	NONE	
DE 3000828 A1	16-07-1981	NONE	
US 5882613 A	16-03-1999	NONE	
WO 03032773 A1	24-04-2003	NONE	
DE 10061927 A1	27-06-2002	NONE	
US 3024138 A	06-03-1962	NONE	
GB 2206292 A	05-01-1989	NONE	

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International application No.
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Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☐ Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1. ☒ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-16

The inventive idea is:

A water purification device comprising an upper reservoir with an opening, a filtering medium within the opening, and a lower reservoir for receiving water passed through the filtering medium.

1.1. claims: 1-13

The inventive idea is:

A water purification system comprising an upper reservoir with an opening, a filtering medium within the opening, and a lower reservoir for receiving water passed through the filtering medium, and a base in fluid communication with an opening of the lower reservoir, said base comprising a purification technology and a water circulator. The dependent claims 2-13 concern further specifications of the system defined in claim 1.

1.2. claims: 14-16

The inventive idea is:

A water purification device comprising an upper reservoir with an opening, a filtering medium within the opening, said filtering medium being selected from the group consisting of a granulated active carbon cartridge, an extruded carbon sheet between layers of fabric material, and an ion exchange resin, and a lower reservoir for receiving water passed through the filtering medium, said filtering medium being located above and not extending into the lower reservoir. The dependent claims 15 and 16 concern further specifications of the device defined in claim 14.

2. claims: 17-19

The inventive idea is:

A method of sanitizing items comprising providing items and water in a sanitizing container which is in removable fluid communication with a sanitizing base unit, and treating the water with the items in the container.

The dependent claims 18 and 19 concern further specifications of the method defined in claim 17.

3. claim: 20

The inventive idea is:

A sanitizing container for sanitizing items comprising an outer container with a fluid transfer valve and an item container for mating with the outer container.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

4. claims: 21-25

The inventive idea is:

An item sanitizing system comprising a container having a fluid transfer device and an item holder, a base for receiving the container in removable fluid communication with the transfer device, said base comprising a purification technology and a water circulator. The dependent claims 22-25 concern further specifications of the system defined in claim 21.
